

FIG. 1

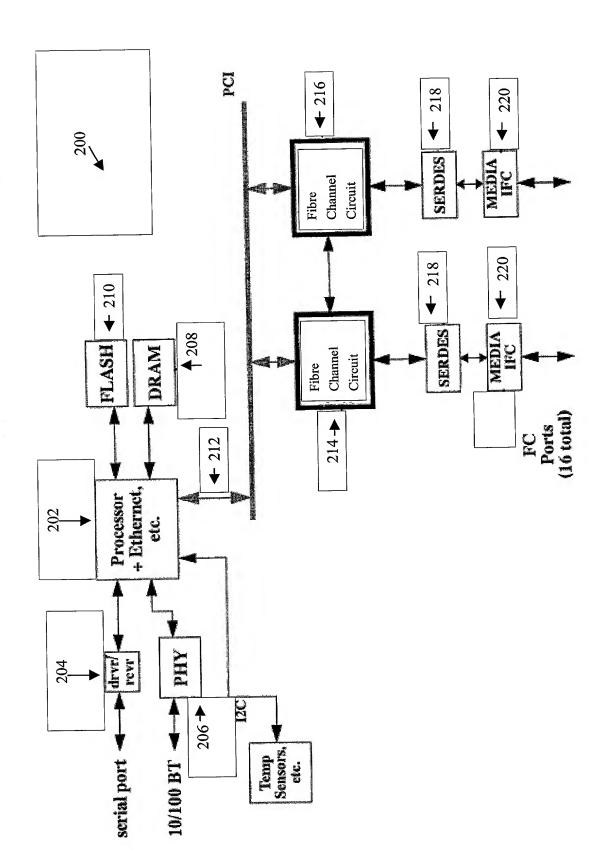


Figure 2

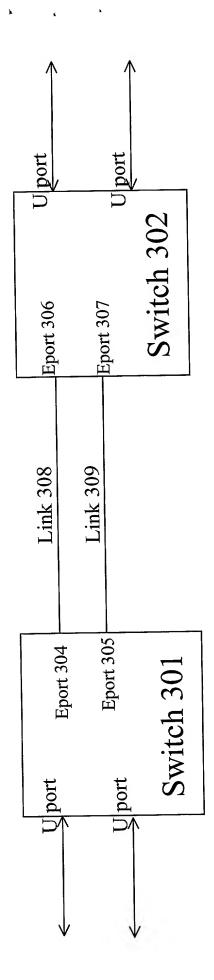


Figure 3

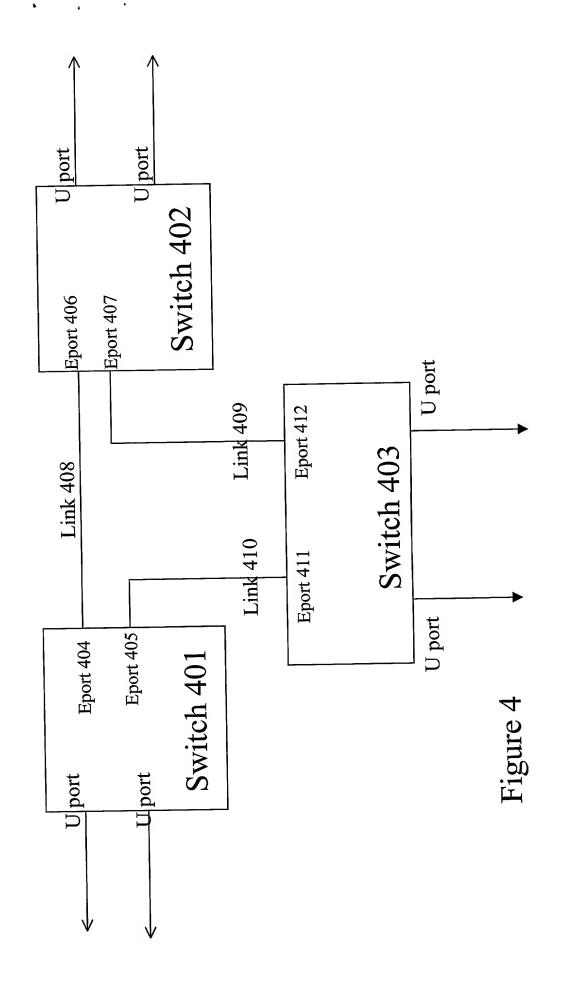
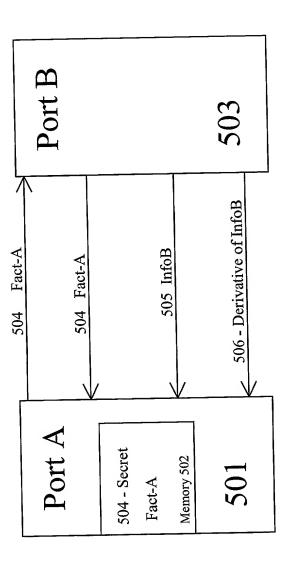


Figure 5a



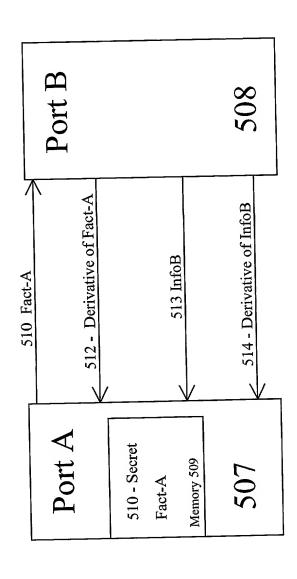
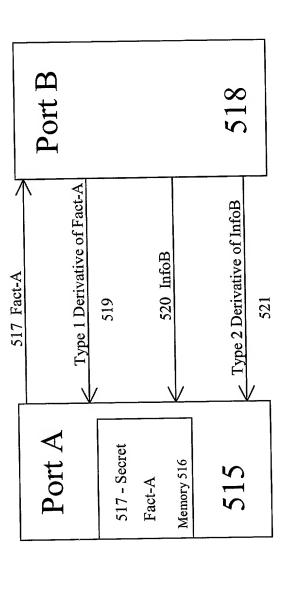


Figure 5b

Figure 5c



526 Secret Memory 525 Port B Fact-B 524 Type 1 Derivative of Fact-A 528 Type 2 derivative of Fact-B 530 Type 4 derivative of Info B 534 Type 3 derivative of Info A 532 523 Fact-A Info B 533 Info A 531 Fact-B 526 Port A 523 - Secret Memory 535 522 Fact-A

Figure 5d

Step #	Name /	Payload
ı	Function	
1	Request Authentication	Secret Fact A
7	Acknowledge Request	Secret Fact B; Type 1 derivative of Secret Fact A; InfoB; Type 3-4 derivative of Info B
8	Confirm Authentication	Type 2 derivative of Secret Fact B; InfoA; Type 3-4 derivateve of InfoA

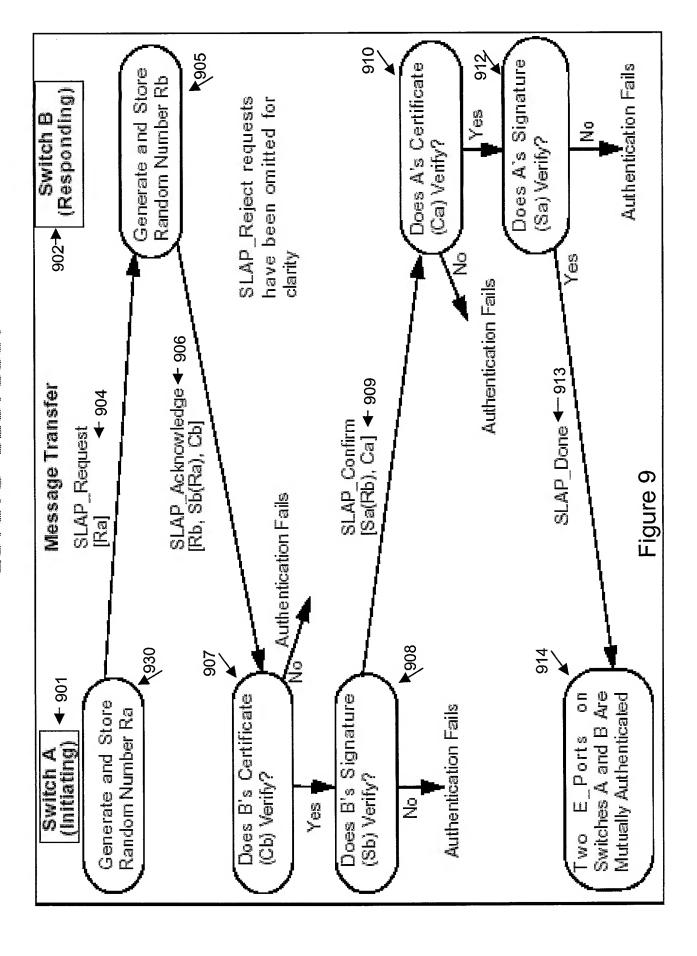
Figure 6

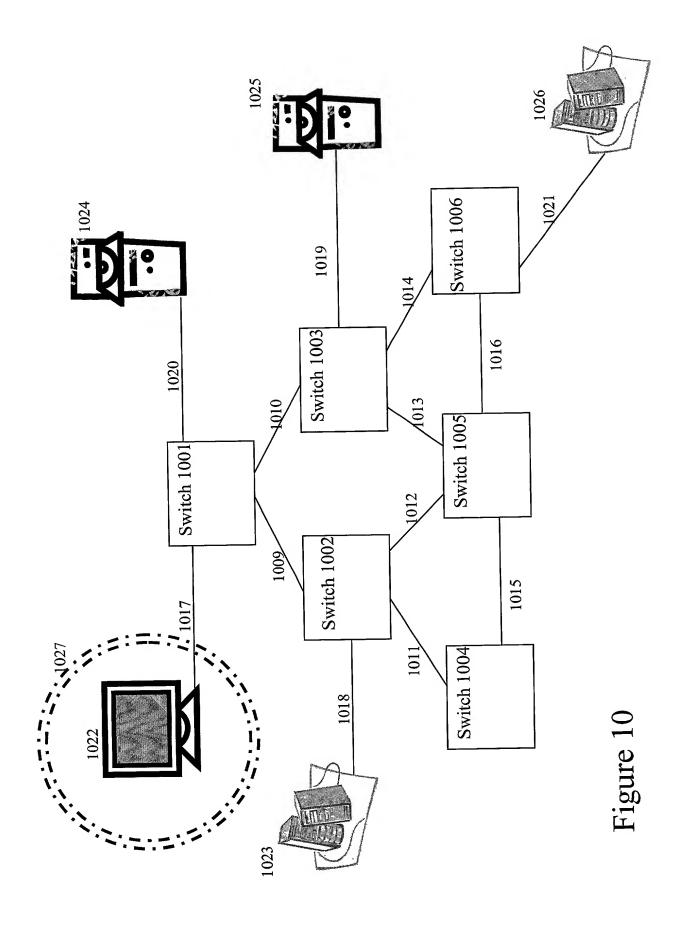
Step #	Name /	Payload
	Function	
	Request Authentication	Secret Fact A; InfoA; Type 3-4 derivateve of InfoA
7	Acknowledge Request	Secret Fact B; Type 1 derivative of Secret Fact A; InfoB; Type 3-4 derivative of Info B
3	Confirm Authentication	Type 2 derivative of Secret Fact B

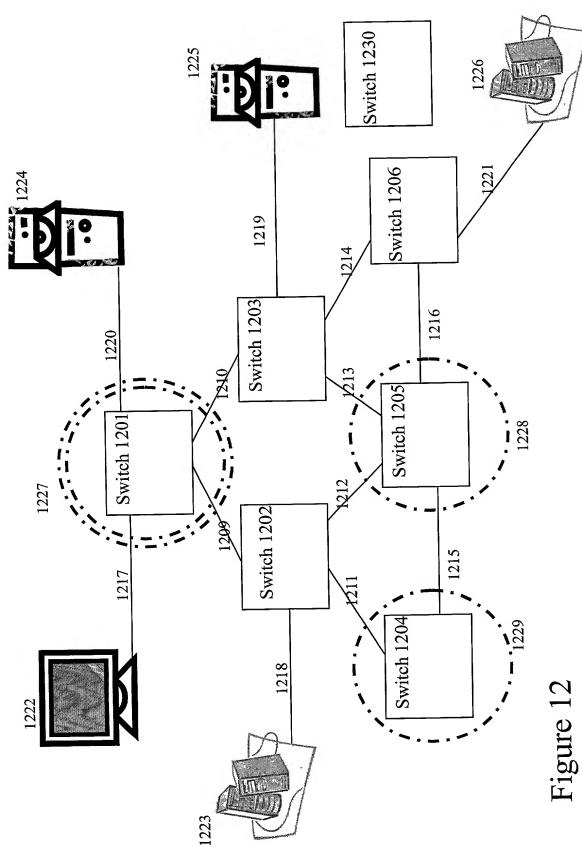
Figure 7

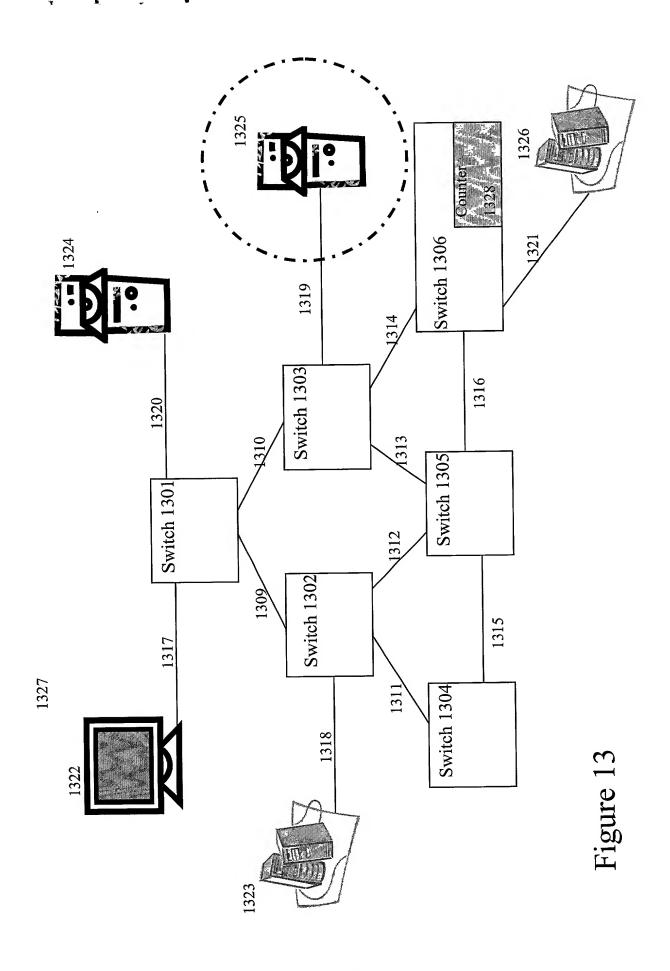
Step #	Name / Function	Payload
	Acknowledge Request	Secret Fact B; Type 1 derivative of Substitute Secret Fact A; InfoB; Type 3-4 derivative of Info B
2	Confirm Authentication	Type 2 derivative of Secret Fact B; InfoA; Type 3-4 derivateve of InfoA

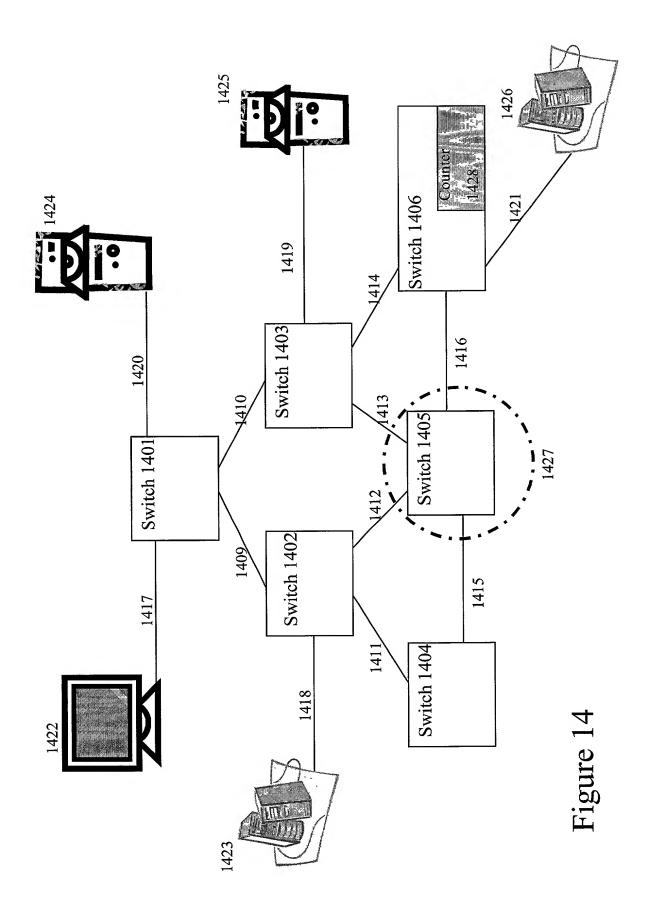
## Figure 8

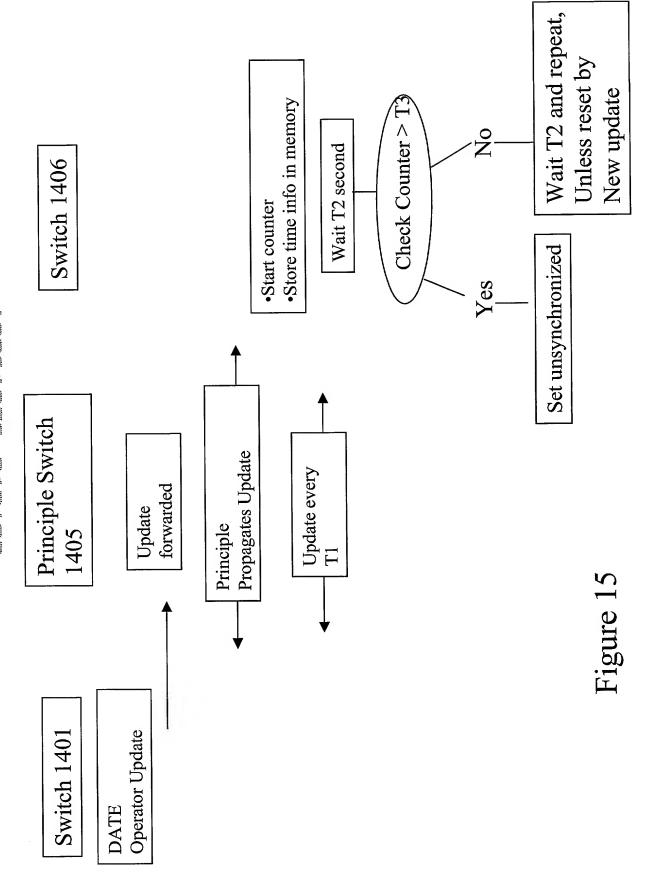












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